

Target Your Reading

Plate Tectonics

CHAPTER 4
LESSON 1

Use this to focus on the main ideas as you read the chapter.

- Before you read** the chapter, respond to the statements below on your worksheet or on a numbered sheet of paper.
 - Write an **A** if you **agree** with the statement.
 - Write a **D** if you **disagree** with the statement.
- After you read** the chapter, look back to this page to see if you've changed your mind about any of the statements.
 - If any of your answers changed, explain why.
 - Change any false statements into true statements.
 - Use your revised statements as a study guide.

Before You Read A or D	Statement	After You Read A or D
	1. Most oceanic crust is made of granite.	
	2. The density of rock increases as its temperature increases.	
	3. Earth's lithosphere is broken into 100 large pieces called plates.	
	4. A slab is less dense than continental crust.	
	5. Fossils of sharks provide evidence for Pangaea.	
	6. Harry Hess proposed the continental drift hypothesis in the mid-1950s.	
	7. Earthquakes and volcanic eruptions occur at plate boundaries.	
	8. Heat is currently escaping from the interior of Earth.	
	9. Seafloor spreading provided part of an explanation of how continents could move on Earth's surface.	
	10. The theory of plate tectonics is well established, so scientists no longer study it.	